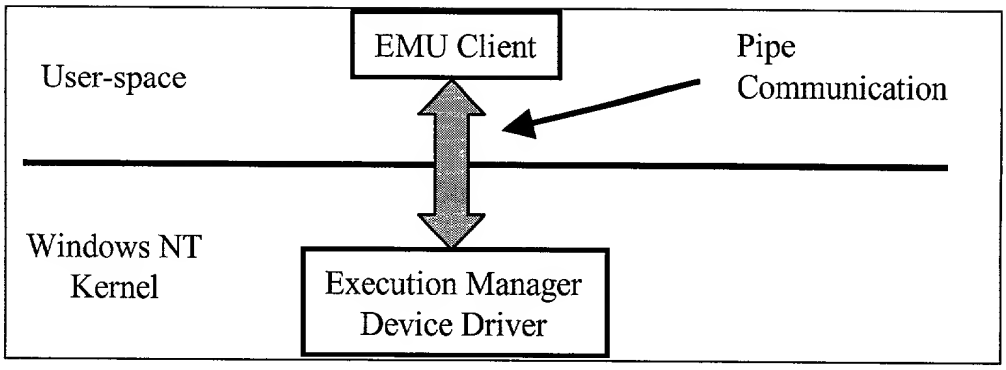

FIG. 1

```
[Device Driver 1: installs wrapper]
      dd1_old = services[ CREATE_PROCESS_INDEX ];
      services[ CREATE_PROCESS_INDEX ] = dd1_new;

[Device Driver 2: installs wrapper]
      dd2_old = services[ CREATE_PROCESS_INDEX ];
      services[ CREATE_PROCESS_INDEX ] = dd2_new;

[Device Driver 1: removes wrapper]
      services[ CREATE_PROCESS_INDEX ] = dd1_old;
```

Notice that services[CREATE_PROCESS_INDEX] now contains its original value (that of the real System Service). Device Driver 2 has been unwrapped without its knowledge!

FIG. 2

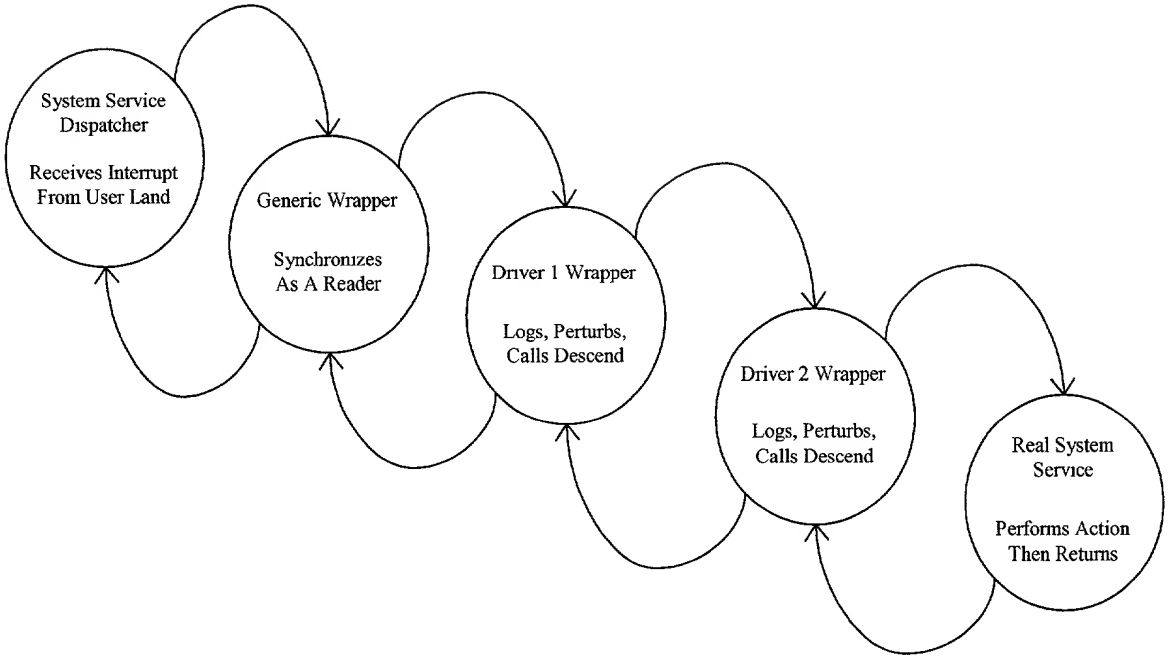
System Service Dispatcher
Receives Interrupt From User Land
Generic Wrapper
Synchronizes As A Reader
Driver 1 Wrapper
Logs, Perturbs, Calls Descend
Driver 2 Wrapper
Logs, Perturbs, Calls Descend
Real System Service
Performs Action Then Returns

FIG. 3